b.			
	Application No.	Applicant(s)	
	10/719,804	BEEMAN ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Thomas M. Lithgow	1724	
The MAILING DATE of this communication applied All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in ) or other appropriate commu IGHTS. This application is s	this application. If not included nication will be mailed in due of	ł ourse. <b>THIS</b>
1. X This communication is responsive to application 21 Nov. 2	2003.		
2. The allowed claim(s) is/are <u>1-20</u> .			
3. The drawings filed on 21 November 2003 are accepted by	the Examiner.		
4. Acknowledgment is made of a claim for foreign priority uses a) All b) Some* c) None of the:  1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 1. Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submained in the submained of the priority of the Notice of Draftspers (a) including changes required by the Notice of Draftspers (b) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner Paper No./Mail Date (b) including changes required by the attached Examiner Paper No./Mail Date (b) Including indicia such as the application number (see 37 CFR 1 teach sheet. Replacement sheet(s) should be labeled as such in the certification of the deposit of the priority of the priority of the deposit of the priority of the priority documents have a point of the priority documents have a priori	e been received. e been received in Application ocuments have been received of this communication to file MENT of this application.  Initted. Note the attached EXA res reason(s) why the oath or set be submitted. Son's Patent Drawing Review of Samendment / Comment or 1.84(c)) should be written on the header according to 37 CFI posit of BIOLOGICAL MATE	n No I in this national stage application in this national stage application a reply complying with the requirement.  MINER'S AMENDMENT or NO declaration is deficient.  ( PTO-948) attached  in the Office action of the transition in the front (not the transition).  ERIAL must be submitted. No	DICE OF
<ul> <li>Attachment(s)</li> <li>1. ☑ Notice of References Cited (PTO-892)</li> <li>2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)</li> <li>3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/Paper No./Mail Date</li></ul>	6. Interview Su Paper No.// 08), 7. Examiner's	formal Patent Application (PTO- Jummary (PTO-413), Mail Date Amendment/Comment  Statement of Reasons for Allow Thomas M. Lithgov Primary Examiner Art Unit: 1724	

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## **REASONS FOR ALLOWANCE**

1. The following is an examiner's statement of reasons for allowance:
Claim 1 defines over Clack (US 5002664) in that Clack '664 fails to teach a
pump mounted in a module which is substantially identical to a module
containing a purifying unit. Further, the canisters of Clack '664 fail to have
an adapter. In regard to claim 5, Clack '664 fails to include the pump
feature as in claim 1 and the interconnected control unit. The closest art for
claim 16 is Barbachano (US 4951851) where a membrane permeate of a
first membrane is employed to flush a fouled secondary, parallel mounted
membrane. However, Barbachano '851 fails to teach or suggest the
storage tank and the "control means for halting operation of said pump
motor, ...therein".

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas M. Lithgow whose

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telephone number is 571-272-1162. The examiner can normally be reached on Mon. -Fri..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Blain Copenheaver can be reached on 571-272-1156. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thomas M. Lithgow Primary Examiner Art Unit 1724

**TML**